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Cooperative Economic Insect Report

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PLANT PROTECTION AND QUARANTINE PROGRAMS
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
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ANIMAL AND PLANT HEALTH INSPECTION SERVICE
PLANT PROTECTION AND QUARANTINE PROGRAMS
PEST SURVEY AND TECHNICAL SUPPORT STAFF

The Cooperative Economic Insect Report is issued weekly as a service to American Agriculture. Its contents are compiled from information supplied by cooperating State, Federal, and industrial entomologists and other agricultural workers. In releasing this material the Service serves as a clearing house and does not assume responsibility for accuracy of the material.

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Volume 25 February 7, 1975 Number 6

COOPERATIVE ECONOMIC INSECT REPORT

HIGHLIGHTS

Current Conditions

ARMY CUTWORM larvae active on wheat in Oklahoma. (p. 39).

EGYPTIAN ALFALFA WEEVIL a problem on early planted forage in southern California. (p. 40).

Detection

- A GLYPHIPTERIGID MOTH reported in Hawaii is a new United States record, but is not known to occur in the continental U.S. (p. 42).

New State records include an ARMORED SCALE in Tennessee (p. 40), and an ANTHOCORID BUG and a MESOVELID BUG in Hawaii. (p. 42).

For new county records see page 41.

Special Reports

- Insect Detection in the United States - 1974. There were 26 new United States records and 166 new State records.

Reports in this issue are for week ending January 31 unless otherwise indicated.

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NATIONAL WEATHER SERVICE 30-DAY OUTLOOK

FEBRUARY 1975

The National Weather Service's 30-day outlook for February is for temperatures to average above seasonal normals east of the Continental Divide except for near normal from the northern Great Plains to the upper Great Lakes and also in New England and the Southeast. West of the Divide, above normal temperatures are indicated for eastern portions of the Intermountain Region while below normal averages are expected along the central and north Pacific coast. In unspecified areas near normal temperatures are in prospect. Precipitation is expected to exceed the median amount from the northern Great Plains through the Great Lakes to New England and also west of the Divide except for the southern Intermountain Region. Elsewhere less than the median value is indicated.

Weather forecast given here is based on the official 30-day "Resume and Outlook" published twice a month by the National Weather Service. You can subscribe through the Superintendent of Documents, Washington, D.C. 20250. Price $5.00 a year.

SPECIAL INSECTS OF REGIONAL SIGNIFICANCE

ARMY CUTWORM (Euxoa auxiliaris) - OKLAHOMA - Light, scattered infestations noted on wheat in Kingfisher, Canadian, Comanche, and Jackson Counties. (Okla. Coop. Sur.).

BEET LEAFHOPPER (Circulifer tenellus) - CALIFORNIA - Populations still light in most Fresno County areas; increase noticeable only in Jacalitos Canyon area. Most females apparently moved off slopes in the north end of Kettleman Hills. Egg counts increased with up to 5 noted. Flats more favorable than slopes due to sparse vegetation. Derby Acres area greenest with 2-3 leafhoppers per 10 sweeps. Highest egg count found 7. Annual hosts on east side of Imperial Valley healthy and growing. Those with leafhoppers primarily north and south of Glamis on east and west sides of sand dunes. Potential acreage for possible control measures totals about 22,000. Heaviest populations noted at 8 adults and 7 nymphs in 50 sweeps, ranged 4-5 per 100 sweeps for entire area. Possibility of second generation exists as nymphs and some spring adults present. (Cal. Coop. Rpt.).

GREENBUG (Schizaphis graminum) - OKLAHOMA - Ranged as follows per linear foot of wheat by county: Kingfisher 0.5-13, Canadian 2-10, Grady 2-110, Stephens 4-60, Jefferson 0-10, Caddo 30-40, Comanche 18, Cotton 35-85, Tillman 20-95, Jackson 7-65, Greer 16-45, Harmon 20-50. (Okla. Coop. Sur.).

SMALL GRAINS

ENGLISH GRAIN APHID (Macrosiphum avenae) - OKLAHOMA - Very light, scattered infestations (up to one per linear foot) noted in few small grain fields in Kingfisher, Grady, and Comanche Counties. (Okla. Coop. Sur.).

AN APHID (Rhopalosiphum padi) - OKLAHOMA - Ranged 0-25 per linear foot in wheat checked in 11 counties in central, south-central, and southwest areas. (Okla. Coop. Sur.).

TURF, PASTURES, RANGELAND

BLACK CUTWORM (Agrotis ipsilon) - CALIFORNIA - Larvae averaged 20 per square yard of turf grass at Goleta, Santa Barbara County. (Cal. Coop. Rpt.). SOUTH CAROLINA - Larvae collected from fescue lawn by B. Jones in Lexington County January 23, 1975. Determined by D.K. Pollet. This is a new county record. (McCaskill).

FORAGE LEGUMES

ALFALFA WEEVIL (Hypera postica) - KANSAS - Eggs averaged 160 per square foot in 9-inch alfalfa and 248 in 12-inch alfalfa sampled January 25 in Doniphan County. Samples taken January 28 in Shawnee County had 532 and 382 eggs per square foot in 12-inch and 4.5-inch alfalfa, respectively. Eggs averaged about 350 per square foot in 11-inch alfalfa in Ottawa County. (Bell). MISSOURI - Eggs per square foot taken from southwest area alfalfa during January as follows by county: Jasper 209, Lawrence 234, Wright 239.5. (Munson).

EGYPTIAN ALFALFA WEEVIL (Hypera brunneipennis) - CALIFORNIA - Already problem in early planted forage in southern areas. (Cal. Coop. Rpt.).

GREEN CLOVERWORM (Plathypena scabra) - ALABAMA - First moths of season noted at lights in central area where temperatures exceeded 70 degrees for several days. (McQueen).

PEANUTS

SOUTHERN CORN ROOTWORM (Diabrotica undecimpunctata howardi) - NORTH CAROLINA - Total losses plus costs of control in peanuts in 1974 on 170,000 acres of peanuts estimated at 975,000 dollars with cost of controls about 350,000 dollars or 2.05 dollars per acre. This is about same as for 1973. (Robertson).

TWOSPOTTED SPIDER MITE (Tetranychus urticae) - NORTH CAROLINA - Losses plus cost of control lighter in 1974 than 1973. Heavy rains during August and September reduced population in heavily infested northern Coastal Plain. Treatments needed during July. Estimated losses plus cost of control equaled 270,000 dollars in 1974 and 350,000 dollars in 1973 on 170,000 acres. (Robertson).

SUGAR BEETS

SOUTHERN GARDEN LEAFHOPPER (Empoasca solana) - ARIZONA - Averaged one leafhopper per plant down inside crown in field at West Chandler, Maricopa County. (Ariz. Coop. Sur.).

DECIDUOUS FRUITS AND NUTS

PEAR PSYLLA (Psylla pyricola) - CALIFORNIA - Eggs, nymphs, and adults noted on Pyrus kawakamii (evergreen pear) nursery stock at Huntington Beach, Orange County, December 26, 1974. Collected by H. Garrett and N. Sackovich. Determined by R. Gill. This is a new county record. (Cal. Coop. Rpt.).

ORNAMENTALS

AN ARMORED SCALE (Pseudaulacaspis cockerelli) - TENNESSEE - Noted on palm plant in greenhouse in Memphis, Shelby County, January 29. Collected and determined by C.R. Patrick. This is a new State record. (Gordon).

FOREST AND SHADE TREES

NANTUCKET PINE TIP MOTH (Rhyacionia frustrana) - ALABAMA - Overwintering pupae present in 95+ percent of tips of about 1,000 loblolly pines at location in Lee County. Equal population noted in pines along several miles of U.S. Interstate Highway 85 in Montgomery County. (McQueen).

SPRING CANKERWORM (Paleacrita vernata) - KANSAS - Light number of male moths flying to lights January 25 in Reno County. Following warm period that ended during same weekend, one male reported in Shawnee County. First of season. (Bell).

MAN AND ANIMALS

SCREWWORM (Cochliomyia hominivorax) - Total of two cases reported from continental U.S. during period January 19-25, both from Texas. Total of 11 cases confirmed from Mexico. Number of sterile flies released in U.S. this period totaled 10,500,000, all released in Texas. Total of 109,242,000 sterile flies released in Mexico. (Anim. Health).

CATTLE GRUBS (Hypoderma spp.) - KANSAS - During 6-day slaughterin period January 20-25, involving 9,894 cattle, packing firm in Seward County levied discount of 2 cents per pound (live weight) against 728 animals due to grub damage to carcasses. (Bell). OKLAHOMA - H. lineatum (common cattle grub) moderate to heavy on Comanche County cattle. (Okla. Coop. Sur.). ALABAMA - Occasional H. lineatum larvae observed in backs of several dairy cattle in Perry County. (McQueen). KENTUCKY - H. lineatum larvae averaged 1.64 per animal on backs of 25 Holstein dairy cows of various ages in Fayette County. (Barnett).

CATTLE LICE - OKLAHOMA - Licc, mainly Haematopinus eurysternus (shortnosed cattle louse), heavy on Comanche County cattle and light to moderate in Jefferson County. (Okla. Coop. Sur.). MISSISSIPPI - Linognathus vituli (longnosed cattle louse) light on beef cattle in Oktibbeha County. (Robinson).

NORTHERN FOWL MITE (Ornithonyssus sylviarum) - MISSISSIPPI - Still heavy on caged layer hens in Oktibbeha County. (Robinson).

BENEFICIAL INSECTS

A BRACONID WASP (Lysiphlebus testaceipes) - OKLAHOMA - Light numbers of Schizaphis graminum (greenbug) mummies and/or adults found in two infested fields of wheat in Stephens County, one field in Comanche County, and one field in Greer County. (Okla. Coop. Sur.).

DETECTION

New United States Record - A GLYPHIPTERIGID MOTH (Imma mylias) - HAWAII - Oahu Island. (p. 42).

New State Records - AN ANTHOCORID BUG (Paratriphleps laevisculus) - HAWAII - Oahu Island. (p. 42). AN ARMORED SCALE (Pseudaulacaspis cockerelli) - TENNESSEE - Shelby County. (p. 40). A MESOVELIID BUG (Mesovelia amoena) - HAWAII - Oahu Island. (p. 42).

New County Records - BLACK CUTWORM (Agrotis ipsilon) SOUTH CAROLINA - Lexington (p. 39). PEAR PSYLLA (Psylla pyricola) CALIFORNIA - Orange (p. 40).

New State Records - Adults of a GLYPHIPTERIGID MOTH (Imma mylias Meyrick) first collected at Hickam Air Force Base, Oahu, in September 1973. Moths were abundant in light traps on Oahu during 1974. Larvae have been collected from foliage of Albezia, klu (Acacia farnesiana), monkey pod (Samanea saman), and opiuma (Pithecellobium dulce) at various locations on Oahu. Determined by K. Sattler who indicated specimens have been collected in Sri Lanka (Ceylon), India, Adaman Islands, the Philippines, and Taiwan (Formosa). (Beardsley). This is a new United States record, but I. mylias is not known to occur on the continental U.S. (PPQ).

Two specimens of a MESOVELIID BUG (Mesovelia amoena Uhler) found in light trap material from Ewa, Oahu, in November 1974. Determined by J.L. Herring. These bugs usually found on floating vegetation at margins of ponds. Members of this family generally feed on small aquatic organisms on or just below surface. Four adults of an ANTHOCORID BUG (Paratriphleps laevisculus Champ.) found in light trap material from Honolulu, Oahu, during 1974. No other information available. Determined by J.L. Herring. (Beardsley).

Fruits, Nuts - COCONUT LEAFROLLER (Hedylepta blackburni) larvae moderate on about 125 coconut trees at Waihee, Maui; most larval instars present. About 20 percent of leaves on all trees infested; about 75 percent of leaflets on each infested leaf damaged. Parasitism by hymenopterous parasites appeared light. (Ah Sam).

Turf and Pasture - GRASS WEBWORM (Herpetogramma licarsisalis) larvae moderate in 400 acres of Kikuyu grass pasture at Waihee, Maui. Infestation and damage heavy in about 100 acres. Defoliation ranged 50-70 percent in damaged areas of pasture. All larval stages present, very few adults observed. Of 20 H. licarsisalis eggs recovered, all parasitized by Trichogramma sp. (a minute egg parasite). (Miyahira).

Correction - A PHALONIID MOTH (Phalonia sp.) reported as a new State record (see CEIR 24(41):803) was originally misidentified. Specimens determined as Lorita abornana Busck (Phaloniidae) by K. Sattler. As reported earlier, only known host in State is chrysanthemum. Cuscuta and Capsicum reported as hosts by K. Sattler. (Beardsley).

INSECT DETECTION IN THE UNITED STATES - 1974

There were 26 new United States records reported in the Cooperative Economic Insect Report during the year. These include 14 species reported for the first time on the North American Continent - five in Pennsylvania, three in Florida, and one each in Alaska, Georgia, New Jersey, South Carolina, Utah, and Virginia. Of the nine species reported from Hawaii, none is known to occur in the continental United States. Also reported were 166 new State distribution records of species already known to occur in the United States.

NEW UNITED STATES RECORDS

Species	State	County	Probable Origin	Collected on	CEIR Page	Economic Importance
Aleurocanthus spiniferus 1/ orange spiny whitefly	Hawaii	Oahu Island	Asia	Rose foliage	585	Severe pest of citrus
Aleuropteryx juniperi 2/ a coniopterygid	Pennsylvania	Dauphin	Europe	Juniper	659	Beneficial
Anthonomus flavus 2/ a weevil	Florida	Dade	Caribbean region	Barbados cherry	251	Pest of Malpighia spp.
Anua indiscriminata 1/ a noctuid moth	Hawaii	Oahu Island	India Sri Lanka Philippines	At light	660	Unknown
Atherigona reversura 1/ a muscid fly	Hawaii	Oahu Island	Oriental region	Light trap collections	373	Unknown
Balclutha rufofasciata 1/ a leafhopper	Hawaii	Oahu Island	Africa, Asia, Central America	Blacklight trap	875	Unknown

Species	State	County	Probable Origin	Collected on	CEIR Page	Economic Importance
Brumoides suturalis 1/ a lady beetle	Hawaii	Oahu Island	Southeast Asia	Grasses	606	Probably beneficial
Cerocephala dinoderi 1/ a pteromalid wasp	Hawaii	Oahu Island	Philippines, Java	Beetle-infested cattle feed	417	Could be beneficial
Cligenes marianensis 1/ a lygaeid bug	Hawaii	Oahu Island	Mariana Islands	Light trap	253	Unknown
Coccinella septempunctata 2/ a lady beetle	New Jersey	Bergen	Europe, North Africa, Asia	Meadowlands	659	Beneficial
Coccus capparidis 3/ a soft scale	Florida	---	India	Orange plant	416	Unknown
Contarinia acetosellae 2/ a cecidomyiid midge	Georgia	Tift	Europe	Male flowers of red sorrel	583	Unknown
Dacus dorsalis oriental fruit fly	California	San Diego	Pacific area	Citrus	775	Economic
Deilephila nerii 1/ oleander hawk moth	Hawaii	Oahu Island	Africa, Europe, Asia	Oleander	803	Unknown
Frankliniella schulzei 3/ a thrips	Florida	Dade	Europe, Africa, Pacific area	By sweeping	873	Could be economic
Hippelates flavipes a chloropid fly	Arizona	Cochise	Neotropical region	At large	833	Could be economic

Species	State	County	Probable Origin	Collected on	CEIR Page	Economic Importance
Ischyroceraea arctica 2/ a sawfly	Alaska	Umiat	Eurasia	Unknown	707	Unknown
Jacksonia papillata 2/ a sawfly	Utah	Cache	Europe	Moss	872	Probably noneconomic
Leucania loreyi 1/ a noctuid moth	Hawaii	Oahu Island	Europe, Africa, Southeast Asia	Blacklight trap	164 204	Potentially economic
Orchidophilus sp. a weevil	Maryland	Montgomery	Philippine Islands	Cultivated orchids	812	Could be economic
Orthops rubricatus 2/ a plant bug	Pennsylvania	Wayne	Europe	White spruce	103	Unknown
Plagiognathus vitellinus 2/ a plant bug	Pennsylvania	17 counties	Eurasia	Spruce, larch, Douglas-fir	103	Unknown
Sthenarus dissimilis 2/ a plant bug	Pennsylvania	Chester Cumberland Dauphin Montgomery York	Central Europe	Ornamental firs	103	Unknown
Subcoccinella vigintiquatuor-punctata 2/ European alfalfa beetle	Pennsylvania	Dauphin	Europe	Crown vetch	518	Potentially economic

Species	State	County	Probable Origin	Collected on	CEIR Page	Economic Importance
Tetrastichus rhosaces 2/ a eulophid wasp	Virginia	Frederick	Europe	From Cassida ribiginosa (a chrysomelid beetle)	203	Could be beneficial
Xyleborus semiopacus 2/, 4/ a scolytid beetle	South Carolina	Dorchester	Africa, Southern Asia, Indonesia, Pacific area	Sweetgum graft	863	Potentially damaging

1/ Not known to occur in continental U.S.
2/ First time reported from North American Continent.
3/ New continental U.S. record; known to occur in Hawaii.
4/ See CEIR 25(1-5):10, 1975, for change in scientific name to X. crassiusculus.

NEW STATE RECORDS - 1974

Species	State	County	Collected on	CEIR Page
Achrysocharella silvia a eulophid wasp	Idaho	Bonner	Larix occidentalis	747
Acossus centerensis an aspen carpenter-worm	North Dakota	Bottineau	Pheromone traps	433
Acronicta funeralis a noctuid moth	West Virginia	Ohio	Pin oak	85
Acyrthosiphon pelargonii zerozalphum an aphid	Hawaii	Hawaii Island	Erodium cicutarium	578
Acyrthosiphon scariolae an aphid	Massachusetts	Hampshire	Yellow water pan	558
Adelges tsugae an adelgid	New Jersey	Mercer	Hemlock	633
Aleurochiton forbesi a whitefly	New Jersey	Morris	Norway maple	201
Aleuroplatus berbericolus a whitefly	New Mexico	Chaves	Mahonia sp.	200
Aleuropteryx juniperi a coniopterygid	Virginia	Independent City of Fairfax	Juniper	703
Anacentrinus blanditus a weevil	Alabama	Marengo	Wheat	57
Anaphes flavipes a mymarid wasp	Maryland	Washington - Frederick		414
Anisota consularis a saturniid moth	South Carolina	Pickens	Quercus marilandica	227
Anoecia graminis an aphid	Massachusetts	Hampshire	Yellow water pan	558

Species	State	County	Collected on	CEIR Page
Aphaereta pallipes a braconid wasp	South Carolina	Oconee	Pupae of Musca domestica	133
Aphis armoraciae an aphid	Massachusetts	Hampshire	Yellow water pan	558
Aphis fabae bean aphid	Vermont	Rutland	Arctium minus	711
Aphis knowltoni an aphid	New York	Richmond	Taraxcum officinale	13
Aphis rubifolii an aphid	Massachusetts	Hampshire	Yellow water pan	559
Aphis spiraecola spirea aphid	Vermont	Orange	Spirea sp.	711
Apion occidentale a weevil	North Dakota	Ransom	Sunflower	869
Archips rosanus a tortricid moth	Utah	Salt Lake	Linden	856
Bathyplectes tristis an ichneumon wasp	Kansas	Riley	Swept from alfalfa	347
Biston ypsilon a geometrid moth	Kentucky	Fayette	Light trap	33
Blaps lethifera a tenebrionid beetle	Maryland	Baltimore	Near horse stables	683
Brachycaudus cardui an aphid	Massachusetts	Hampshire	Yellow water pan	559
Brachycaudus rosiadae an aphid	Massachusetts	Hampshire	Yellow water pan	559
Brachycolus asparagi asparagus aphid	North Carolina	Vance	Asparagus plants	167
Brachycolus tritici western wheat aphid	Oklahoma	Washita	Wheat	692
Brevipalpus lewisi citrus flat mite	New Mexico	Dona Ana	Grape planting	130
Brunneria borealis a mantid	Hawaii	Oahu Island	At large	606

Species	State	County	Collected on	CEIR Page
Calaphis leonardi an aphid	New York	Richmond	Betula populifolia	14
Callirhytis furva a cynipid wasp	Pennsylvania	Delaware	Galls on pin oak	327
Callopistria floridensis Florida fern caterpillar	Alabama	Houston	Ferns in greenhouse	704
Capitophorus xanthii an aphid	Massachusetts	Hampshire	Yellow water pan	559
Carulaspis minima an armored scale	Pennsylvania	Dauphin	Juniperus chinensis	856
Cavariella salicis an aphid	Massachusetts	Hampshire	Yellow water pan	559
Cedoaphis incognita an aphid	Massachusetts	Hampshire	Yellow water pan	559
Ceroplastes rubens red wax scale	Pennsylvania	York	Dieffenbachia sp. in greenhouse	870
Chaetophloeus fasciatus a scolytid beetle	New Mexico	Dona Ana	Prosopis glandulosa	202
Chaetophorus nigrae an aphid	Massachusetts	Hampshire	Yellow water pan	559
Chaetophorus stevensis an aphid	Massachusetts	Hampshire	Yellow water pan	559
Chalepus scapularis a leaf beetle	West Virginia	Calhoun	Red oak	413
Chrysocharis laricinellae a eulophid wasp	Idaho	Bonner	Larch case-bearer	747
Cinara junipivora an aphid	Virginia	Fairfax	Juniperus sp.	869
Cleonus piger a weevil	Michigan	Sanilac	Stored oats	814
Coccophagus scutellaris a eulophid wasp	Idaho	Blaine	Field of rye	230

Species	State	County	Collected on	CEIR Page
Compsilura concinnata a tachina fly	Michigan	Isabella	Anisota stigma pupa	874
Copipanolis styracis borealis a noctuid moth	West Virginia	Grant	Blacklight trap	369
Cryptomyzus ribis currant aphid	Vermont	Washington	Currants	711
Cryptotermes brevis a powderpost termite	Maryland	Independent City of Baltimore	Bookcase in residence	582
Curculio nanulus a weevil	Utah	Salt Lake	Peach	855
Cyrtepistomus castaneus Asiatic oak weevil	Kansas	Cherokee Labette	Oaks	633
Dactynotus ambrosiae an aphid	Vermont	Essex	Aster sp.	227
Dactynotus russellae an aphid	Vermont	Essex	Anaphalis margaritacea	204
Dactynotus sonchi an aphid	Massachusetts	Hampshire	Yellow water pan	559
Dactynotus taraxaci an aphid	Massachusetts	Hampshire	Yellow water pan	559
Dasychira basiflava a tussock moth	West Virginia	Hampshire	White oak	506
Diabrotica virgifera western corn rootworm	Ohio	Defiance	Corn	622
Drepanaphis parva an aphid	Massachusetts	Hampshire	Yellow water pan	559
Drepanaphis saccharini an aphid	New York	Richmond	Acer saccharinum	14
Dysaphis crataegi an aphid	New York	Richmond	Crown of carrot	14

Species	State	County	Collected on	CEIR Page
Elasmus polistis a eulophid wasp	New Mexico	Dona Ana	Polistes sp. nest	10
Eotetranychus fremonti a spider mite	New Mexico	Dona Ana	Erinose flower gall of cotton-wood	168
Eotetranychus smithi a spider mite	Florida	Jefferson	Carya illinoensis	855
Eotetranychus uncatus a spider mite	Pennsylvania	Wayne	Tilia americana	7
Episimus argutanus an olethreutid moth	West Virginia	Pendleton	Witch-hazel	86
Eriocampa juglandis a sawfly	Alabama	Walker	Walnut	655
Eriophyes brachytarsus an eriophyid mite	New Mexico	Grant	Walnut	7
Eriosoma americanum woolly elm aphid	Vermont	Washing-ton	American elm	711
Eriosoma ulmi a woolly aphid	Nevada	Washoe	Ulmus procera	551
Ernobius opicus an anobiid beetle	Maryland	Anne Arundel, Baltimore	Blacklight traps	326
Ethmia bipunctella an ethmiid moth	Pennsylvania	Centre Dauphin Erie Franklin	Blacklight traps	279
Eurycoccus jessica a mealybug	Indiana	Tippecanoe	Hickory	871
Evergestis rimosalis cross-striped cabbageworm	Delaware	Kent	Cabbage	484
Gymnaspis aechmeae a diaspidid scale	Alabama	Lee	Bromiliads in green-house	84
Habrocytus piercei a pteromalid wasp	North Dakota	Dunn	Betula papyrifera	488

Species	State	County	Collected on	CEIR Page
Hamatabanus carolinensis a tabanid fly	Delaware	New Castle	Adult attracted to man	552
Heterocampa umbrata a notodontid moth	West Virginia	Grant	Red oak	227
Hippobosca longipennis a louse fly	Oregon	Douglas	Cheetahs	9
Hyadaphis foeniculi an aphid	Tennessee	Franklin	Honey-suckle	608
	Vermont	Addison	Pastinaca sativa	711
Iphiaulax manteri a braconid wasp	Alabama	Morgan	Bagworm larva	10
Ips sulcifrons a bark beetle	Colorado	Custer	Picea engelmanii	871
Ischnaspis longirostris black thread scale	Oklahoma	Oklahoma	Philodendron pertusum	93
Jacksonia papillata an aphid	Idaho	Franklin	Moss	872
	North Carolina	Yancey	Moss	872
		Mitchell	Moss	872
Kakimia purpurascens an aphid	Massachusetts	Hampshire	Yellow water pan	560
Lasioderma sericorne cigarette beetle	Utah	Cache	Can of paprika	858
Lindorus lophanthae a lady beetle	Alabama	Morgan	Preyed on scale insects	873
Macropsis glandacea a leafhopper	Kentucky	Meade	At large	861
Macrosiphum agrimoniellum an aphid	Massachusetts	Hampshire	Yellow water pan	560

Species	State	County	Collected on	CEIR Page
Macrosiphum albifrons an aphid	Vermont	Washington	Lupinus sp.	711
Macrosiphum coryli an aphid	Massachusetts	Hampshire	Yellow water pan	560
Macrosiphum liriodendri tuliptree aphid	California	Alameda	Liriodendron tulipifera	701
Megastigmus atedius a chalcid wasp	North Carolina	Transylvania	Seeds of Pinus strobus	85
Merinus laevis a tenebrionid beetle	West Virginia	Hampshire	White oak	633
Meristhus sp. 5/ a click beetle	Hawaii	Oahu Island	Blacklight trap	875
Merodon equestris narcissus bulb fly	Georgia	Fulton	Narcissus, daffodil	656
Microgaster schizurae a braconid wasp	Pennsylvania	Perry	Larvae of Heterocampa manteo	328
Muscidifurax raptor a pteromalid wasp	South Carolina	Oconee	Musca domestica pupae	133
Myzocallis ephemerata an aphid	New York	Richmond	Quercus rubra	16
Myzocallis robiniae an aphid	Massachusetts	Hampshire	Yellow water pan	560
Myzocallis tectae an aphid	Maryland	Prince Georges	Bamboo	608
Myzocallis tuberculata an aphid	New York	Richmond	Quercus alba	16
Nematus lipovskyi a sawfly	New Hampshire	Strafford	Azalea mollis	700
Neoceruraphis viburnicola snowball aphid	Vermont	Washington	Snowball tree	711

Species	State	County	Collected on	CEIR Page
Neoprociphilus aceris an aphid	Oklahoma	Payne	Simax sp.	10
Nezara viridula southern green stink bug	Oklahoma	Payne	At large	166
Oligonychus weidhassi a spider mite	Pennsylvania	Delaware	Chamaecyparis pisifera	274
Ornithodoros talaje a soft tick	Oklahoma	Johnston	Under rock	105
Oulema melanopus cereal leaf beetle	Delaware	New Castle	Oats	525
	Massachusetts	Hampshire	Oatfield	465
Paleacrita vernata spring cankerworm	Idaho	Clear-water	Hawthorn	7
Paonias excaecatus a sphingid moth	West Virginia	Ritchie	Apple tree	226
Parasa indetermina a limacodid moth	Alabama	Mobile	Dogwood tree	7
Parlatoria camelliae an armored scale	Delaware	New Castle	Camellia	412
Phloeosinus cristatus a bark beetle	New Mexico	Luna	Arizona cypress	856
Phymatodes maculicollis a cerambycid beetle	Idaho	Latah	Flight trap	230
Pieris protodice southern cabbage-worm	Utah	Washing-ton	Desert shrubs	858
Platypatrobus lacustris a carabid beetle	New Hampshire	Carroll	Beaver lodge	845

Species	State	County	Collected on	CEIR Page
Platyphytoptus sabinianae an eriophyid mite	Pennsylvania	Clear-field	Scotch pine	856
Pleotrichophorus glandulosus an aphid	New York	Richmond	Artemisia vulgaris	17
Pristiphora abbreviata California pear-slug	Idaho	Canyon	Pear orchard	678
Proxys punctulatus a pentatomid bug	Maryland	Dorches-ter	Blacklight trap	727
Pseudolynchia canariensis pigeon fly	Indiana	St. Joseph	In building	802
Psilocorsis obsoletella an oecophorid moth	West Virginia	Clay Raleigh	Oaks	745
Psylla alni a psyllid	Pennsylvania	Chester	Alnus sp.	523
Psylla celtidisvesicula a psyllid	West Virginia	Kanawha	Celtis sp.	581
Pulvinaria citricola a soft scale	Alabama	Lee	Althea	462
Pulvinaria floccifera a soft scale	Pennsylvania	Berks	Taxus sp.	274
Rhizoecus pritchardi a mealybug	Oregon	Jackson	Saintpaulia sp.	870
Rhopalosiphum cerasifoliae an aphid	Massachusetts	Hampshire	Yellow water pan	560
Scaeva pyrastri a syrphid fly	Hawaii	Oahu Island	At large	253
Sciocoris microphthalmus a stink bug	Oklahoma	Love	Little bluestem	128

Species	State	County	Collected on	CEIR Page
Scotogramma trifolii clover cutworm	Utah	Washington	Desert shrubs	858
Selenophorus sp. 5/ a carabid beetle	Hawaii	Oahu Island	Light trap	253
Semanotus amethystinus a cerambycid beetle	Hawaii	Kauai Island	In home	606
Simyra henrici a noctuid moth	Utah	Davis	Not given	861
Smerinthis jamaicensis a sphingid moth	West Virginia	Ritchie	Sugar maple	857
Smicronyx interruptus a gall weevil	Nevada	Pershing	Dodder	94
Smicronyx sculpticollis dodder gall weevil	Nevada	Pershing	Alfalfa	94
Smicronyx sordidus a gall weevil	Nevada	Lyon	Helianthus annuus	94
Spalangia endius a pteromalid wasp	South Carolina	Oconee	Musca domestica pupae	133
Spalangia nigroaeneae a pteromalid wasp	South Carolina	Oconee	Musca domestica pupae	133
Spodoptera exigua beet armyworm	Utah	Davis	Onions	855
Stenotus sp. 5/ a mirid bug	Hawaii	Hawaii Island	Pennisetum setaceum	660
Stephanitis takeyai a lace bug	Ohio	Stark	Pieris japonica	812
Subcoccinella 24-punctata European alfalfa beetle	Maryland	Washington	Saponaria officinalis	574
	New Jersey 6/	Bergen	Meadowlands	382 518

Species	State	County	Collected on	CEIR Page
Subcoccinella 24-punctata European alfalfa beetle	New York	Tioga	Saponaria officinalis	799
	Ohio	Columbiana	Saponaria officinalis	625
	West Virginia	Berkely Jefferson Morgan	Saponaria officinalis	727
Tabanus imitans imitans a tabanid fly	Virginia	Richmond	At large	441
Takecallis arundinariae a bamboo aphid	Arizona	Maricopa	Bamboo	462
	New York	Richmond	Solidago sp.	18
Thelia bimaculata a membracid	Utah	Cache	Black locust	857
Theretra nessus a sphingid moth	Hawaii	Oahu Island	At light	699
Tinocallis ulmifolii an aphid	Massachusetts	Hampshire	Yellow water pan	560
Trichoplusia ni cabbage looper	Utah	Cache	Soybeans	854
Trigonura tarsata a chalcid wasp	North Dakota	McHenry	Ulmus americana	488
Trigonura ulmi a chalcid wasp	North Dakota	Bottineau	Ulmus americana	488
Trioza tripunctata a psyllid	Alabama	Crenshaw	Blackberry	841
Tropidosteptes pacificus a plant bug	Pennsylvania	Erie	Green ash tree	486
Wahlgeniella vaccinii an aphid	Massachusetts	Hampshire	Yellow water pan	560

Species	State	County	Collected on	CEIR Page
Xyleborus rubricollis a scolytid beetle	Tennessee	Davidson	Maple trees	302
Zyginia penapacha a leafhopper	Hawaii	Oahu Island	Light trap	253

5/ First report of genus in Hawaii.
6/ See note from Pennsylvania in CEIR 24(28):518, predating first report for U.S.

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WEATHER OF THE WEEK ENDING FEBRUARY 3

Reprinted from Weekly Weather and Crop Bulletin supplied by National Weather Service, NOAA.

HIGHLIGHTS: Heavy precipitation fell along sections of the Pacific coast and also across an adjoining five-State area including Missouri, Oklahoma, Arkansas, Louisiana, and Texas last week. The intense storms triggered some flooding in northeast Texas and Arkansas where the weekly rainfall totals averaged 2 to 5 inches or better. In the West, the heaviest precipitation measuring more than 2.5 inches soaked the San Francisco-Red Bluff corridor in southern California with lesser amounts falling throughout most of the State. Sharply contrasting temperatures dominated the Nation's weather last week. Vicksburg, Mississippi, reported weekly temperatures averaging 21 degrees above normal while an area in west-central Montana reported bitter cold temperatures averaging 24 degrees below normal for the week.

PRECIPITATION: Some precipitation fell across most of the Nation last week except for Florida. Only traces of precipitation were recorded along Florida's southern tip while the rest of the State remained dry. Elsewhere, storms spread heavy precipitation from Texas to Pennsylvania and along the west coast. Monday, a complex Low pressure system in the central Rockies triggered snow across the central and southern Rockies, Utah, and Wyoming before drifting eastward. A new Low pressure area moving into the west coast brought scattered showers to the Oregon and northern California coast on Tuesday. Meanwhile, snow fell from the Cascades eastward throug the northern Plateau, the northern and central Rockies, and portions of the southern Plateau. Wednesday, a swiftly moving storm front from Canada swept across the upper Midwest and northern Great Lakes dumping heavy snow in its path. This Low pressure center, trailing a cold front southwestward, caused showers and thundershowers along it as far south as northern Alabama. By Thursday, the Low had moved off New England and out into the Atlantic, but the trailing front extended through the South to southeast Texas. Another front began moving into the entire west coast. Friday, the stationary front dropped locally heavy rains averaging 1 to 3 inches over sections of northeast Texas, eastern Oklahoma, southeast Kansas, southern Missouri, and parts of Arkansas. Meanwhile, the Pacific frontal system triggered snow and rain along the upper half of the Pacific coast. Heavy rains continued over soggy central and eastern Texas causing flash flooding on Saturday. Dallas added over three-quarters of an inch for a total of 2.5 inches of rain in the past 24 hours. Elsewhere, the Pacific front brought rain and snow to the Pacific Northwest and most of California and then ended weak as it moved into the mountains. Sunday, the lingering stationary front triggered scattered rain and drizzle through the Gulf States into the Carolinas. The heaviest amounts fell in southern Arkansas, northeast Texas,and northwest Louisiana. El Dorado, Arkansas, got 1.5 inches of precipitation during the afternoon making a total of more than 6 inches for the weekend. A wave on the front caused rain northward to southern Virginia and then snow into southern Pennsylvania.

TEMPERATURE: Frosty air invaded the Nation last week westward of a line from the Great Lakes to Arizona pulling temperatures to below normal levels. In contrast, the rest of the Nation, except northern New England, enjoyed above normal temperatures. The highest temperature for the week, 88 degrees, was recorded in Naples, Florida, Mineral Wells and Cotulla, Texas, while the weeks low of 37 degrees below zero froze Butte, Montana. Monday, unusually warm 80-degree readings were recorded in the southern and eastern portions of Texas into Arkansas, Louisiana, and Mississippi. Fair skies in the South pushed temperatures to record high readings at Shreveport, Louisiana--81 degrees, Little Rock, Arkansas--78 degrees, Nashville, Tennessee--75 degrees, Tampa, Florida--84 degrees, and Memphis, Tennessee-77 degrees on Tuesday. Wednesday, temperatures in the eastern and southern United States were unseasonably warm from the lower Mississippi Valley to New York and the Middle Atlantic States. A few record highs included Little Rock, Arkansas--78 degrees, Cincinnati, Ohio--67 degrees, and New York, New York--54 degrees. A record high 80-degree reading was recorded at Augusta, Georgia, on Thursday, while a few places in the northern parts of New York, North Dakota, Minnesota, and Montana stayed in the single numbers all day. Friday, unseasonably warm weather continued in the Nation's southeastern quarter sending temperatures soaring to record high levels. Record highs were set at Jacksonville, Florida--83 degrees, Wilmington, North Carolina--82 degrees, Tallahassee, Florida--81 degrees, and Charleston, South Carolina--81 degrees. Daytime temperatures on Saturday ranged from the 80's along the gulf and south Atlantic coast to the single numbers in Montana, North Dakota, and northern New England. Sunday, much of the Nation from the gulf coast and the Rio Grande Valley northward was very warm late in the day with the thermometer still above the freezing mark as far north as Omaha, Nebraska. Earlier in the day, Tallahassee, Florida, set a record high with 81 degrees.

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